This is the nineteenth of an annual series of summary reports on major mines of Nevada. Sand and gravel operations are not included. Information on employment and production for the calendar year 2007 was provided by the individual mine operators. The Nevada Division of Minerals maintains a complete register of Nevada mines. For further information, contact them at 400 W. King, Suite 106, Carson City, Nevada 89703 or call (775) 684-7040, fax (775) 684-7052, or visit their Web site at http://minerals.state.nv.us.
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Section I

Lyon County

Adams Claim Gypsum Mine (1)
Operator:
Art Wilson Co.
P.O. Box 20160
Carson City, NV 89702-1160
775-882-0700   Fax: 882-0790
Company employees: 52
Production:
Gypsum - 140,528 tons
Limestone

Celite Diatomite Mine (2)
Operator:
World Minerals, Inc.
100 Front Street
Fernley, NV 89408
775-575-2536   Fax: 575-1570
Company employees: 16
Production:
Diatomite

Hazen Pit (3)
Operator:
EP Minerals, LLC
640 Clark Station Rd.
Sparks, NV 89434
775-824-7700   Fax: 824-7715
Company employees: 2
Production:
Diatomite

NCC Limestone Quarry (4) and Mill (4*)
Operator:
Nevada Cement Co.
P.O. Box 840
Fernley, NV 89408
775-575-2281   Fax: 575-4387
Company employees: 126
Production:
Limestone/Clay

Storey County

Clark Mine (5) and Mill (5*)
Operator:
EP Minerals, LLC
640 Clark Station Rd.
Sparks, NV 89434
775-824-7700   Fax: 824-7715
Company employees: 66
Production:
Diatomite

Adams Claim Gypsum Mine (Mike Visher photo).
Section II

Humboldt County

Ashdown Mine (1)
Operator: Ashdown Project, LLC
1675 E. Prater Way #102
Sparks, NV 89434
775-853-4919 Fax: 853-5010
Company employees: 68
Contract employees: 2
Production: Molybdenite - 412,856 pounds

Lone Tree Mine (2)
Operator: Newmont Mining Corp.
P.O. Box 388
Valmy, NV 89438
775-635-6423 Fax: 635-6460
Company employees: 117
Production: Gold - 182,768 oz
Silver - 37,172 oz

Marigold Mine (3)
Operator: Goldcorp, Inc.
P.O. Box 160
Valmy, NV 89438
775-635-2317 Fax: 635-2551
Company employees: 213
Contract employees: 35
Production: Gold - 140,840 oz
Silver - 2,233 oz

MIN-AD Mine and Mill (4)
Operator: MIN-AD, Inc.
P.O. Box 22
Winnemucca, NV 89446
775-623-5944 Fax: 623-9028
Company employees: 22
Contract employees: 4
Production: Dolomite

Rainbow Ridge Opal Mines (5)
P.O. Box 97
Denio, NV 89404
775-941-0270 (summer)
541-548-4810 (winter)
Production: Precious opal

Royal Peacock Opal Mine (6)
Operator: Walter Wilson
P.O. Box 165
Denio, NV 89404
775-941-0374 (summer)
775-272-3201 (winter)
Production: Precious opal

Turquoise Ridge Joint Venture (7)
Operator: Barrick Gold Corporation
HC66 Box 220
Golconda, NV 89414
775-529-5001 Fax: 529-0753
Company employees: 311
Contract employees: 92
Production: Gold - 251,133 oz

Twin Creeks Mine (8)
Operator: Newmont Mining Corp.
P.O. Box 69
Golconda, NV 89414
775-623-4300 Fax: 635-4602
Company employees: 543
Production: Gold - 488,457 oz
Silver - 99,344 oz
Pershing County

Coeur Rochester Mine (9)
Operator:
Coeur Rochester, Inc.
P.O. Box 1057
Lovelock, NV 89419
775-273-7995   Fax: 273-7423
Company employees: 38
Production:
Gold - 50,408 oz
Silver - 4,614,779 oz

Colado Mine and Plant (10), Mill (10*)
Operator:
EP Minerals, LLC
150 Coal Canyon Road
Lovelock, NV 89419
775-824-7540   Fax: 824-7582
Company employees: 117
Production:
Diatomite, Perlite

Empire Mine (11), Mill (11*)-in
Washoe County
Operator:
United States Gypsum Co.
P.O. Box 130
Empire, NV 89405
775-557-2341   Fax: 557-2212
Company employees: 124
Production:
Gypsum - 306,812 tons

Florida Canyon Mine (12)
Operator:
Florida Canyon Mining, Inc.
P.O. Box 330
Imlay, NV 89418
775-538-7300   Fax: 538-7324
Company employees: 120
(Included with Standard Mine)
Contract employees: 85
Production:
Gold - 31,916 oz
Silver - 28,152 oz

Standard Mine (13)
Operator:
Standard Gold Mining, Inc.
P.O. Box 330
Imlay, NV 89418
775-538-7300   Fax: 538-7324
Company employees: 120
(Included with Florida Canyon Mine)
Contract employees: 5
Production:
Gold - 11,814 oz
Silver - 24,735 oz

W. Glen Sexton Family Trust (14)
Operator:
Nutritional Additives Corp.
415 Wellington Street
Winnemucca, NV 89445
775-623-1151   Fax: 623-1153
Company employees: 3
Production:
Dolomite

Marigold Mine (Mike Visher photo).
Aerial view of Adams Claim Gypsum Mine (Mike Visher photo).

Marigold Mine (Mike Visher photo).

Turquoise Ridge mine shaft (John Muntean photo).
Section III

Eureka County

Betze-Post Mine (1)
Operator: Barrick Goldstrike Mines, Inc.
P.O. Box 29
Elko, NV 89803
775-748-1001 Fax: 748-1240
Company employees: 1,131
Production:
Gold - 1,215,447 oz
Silver - 140,923 oz

Ruby Hill Mine (3)
Operator: Barrick Gold Corporation
P.O. Box 676
Eureka, NV 89316
775-237-6060 Fax: 237-5408
Company employees: 118
Contract employees: 47
Production:
Gold - 142,856 oz.
Silver - 8,368 oz.

Eastern Nevada Operations
(Carlin Operations) (2)
Carlin N, 19 Locations
Carlin S, 6 Locations
Operator: Newmont Mining Corp.
P.O. Box 669
Carlin, NV 89822
775-778-4000 Fax: 778-4751
Company employees: 2,127
Production:
Gold - 1,322,001 oz
Silver - 268,875 oz

Newmont Roaster (Mike Visher photo).
Lander County

Argenta Mine and Mill (4)
Operator:
Baker Hughes Drilling Fluids
P.O. Box 277
Battle Mountain, NV 89820
775-635-5441 Fax: 635-5455
Company employees: 29
Contract employees: 4
Shipped:
Barite - 77,006 tons

Battle Mountain Grinding Plant (Greystone Mine) (5), Mill (5*)
Operator:
M-I Swaco
P.O. Box 370
Battle Mountain, NV 89820
775-635-5135 Fax: 635-2191
Company employees: 87
Shipped:
Barite - 266,417 tons

Cortez Gold Mines (6)
Operator:
Cortez Joint Venture
HC66 Box 1250
Crescent Valley, NV 89821-1250
775-468-4400 Fax: 468-4496
Company employees: 550
Production:
Gold -534,173 oz
Silver - 47,240 oz

Mule Canyon Mine (7)
Operator:
Newmont Mining Corp.
P.O. Box 388
Valmy, NV 89438
775-635-6423 Fax: 635-6460
Company employees:
included with
Lone Tree Mine
(see page 7)
Production:
Gold - 22,446 oz
Silver - 4,565 oz

Phoenix Project (8)
Operator:
Newmont Mining Corp.
P.O. Box 388
Valmy, NV 89438
775-635-6423 Fax: 635-6460
Company Employees: 500
Production:
Gold -181,313 oz
Silver - 664,787 oz
Copper - 10,808,208 pounds

Trenton Canyon Mine (9)
Operator:
Newmont Mining Corp.
P.O. Box 388
Valmy, NV 89438
775-635-6423 Fax: 635-6460
Company Employees:
included with
Lone Tree Mine
(see page 7)
Production:
Gold - 1,768 oz
Silver - 360 oz

Phoenix Mine haul truck (D.D. LaPointe photo).
Phoenix Mill flotation cell (D.D. LaPointe photo).

Round Mountain Heaps (Mike Visher photo).

Phoenix Mill (D.D. LaPointe photo).
Jerritt-Canyon Roaster
*(Mike Visher photo).*
Section IV

Elko County

Hollister Mine (1)
Operator:
Rodeo Creek Gold, Inc. and
Great Basin Gold Inc.
P.O. Box 2610
Winnemucca, NV 89446
775-623-5760  Fax: 623-5759
Company employees: 119
Contract employees: 25
Production:
Gold - 4,066 oz
Silver - 38,885 oz

Jerritt Canyon Mine (2)
Operator:
Queenstake Resources USA, Inc.
HC31 Box 78
Elko, NV 89801
775-738-5006  Fax: 758-9231
Company employees: 357
Production:
Gold - 121,708 oz
Silver - 17,560 oz

Meikle Mine (3)
Operator:
Barrick Goldstrike Mines, Inc.
P.O. Box 29
Elko, NV 89803
775-738-8043  Fax: 738-6543
Company employees: 703
Contract employees: 216
Production:
Gold - 413,186 oz
Silver - 74,000 oz

Midas Mine (4)
Operator:
Newmont Mining Corp.
HC66 Box 125
Midas, NV 89414
775-635-6423  Fax: 635-6460
Company employees: 220
Production:
Gold - 79,133 oz
Silver - 1,040,059 oz

Pilot Peak Lime Plant (5)
Operator:
Graymont Western U.S.
P.O. Box 2520
West Wendover, NV 89883
775-483-5463  Fax: 483-5149
Company employees: 57
Production:
Limestone, Quicklime,
Hydrated lime

Rossi Mine (6), Dunphy Mill (6*)-in
Eureka County
Operator:
Halliburton
912 Dunphy Ranch Rd.
Battle Mountain, NV 89820
775-468-0515  Fax: 468-2060
Company employee: 45
Contract employees: 26
Shipped:  Barite - 230,000 tons

White Pine County

Bald Mountain Mine (7)
Operator:
Barrick Gold of North America
P.O. Box 2706
Elko, NV 89803
775-237-7100  Fax: 237-7101
Company employees: 196
Production:
Gold - 125,998 oz
Silver - 17,560 oz

Robinson Mine (8)
Operator:
Robinson Nevada Mining Company
P.O. Box 382
Ruth, NV 89319
775-289-7000  Fax: 289-7104
Company employees: 508
Production:
Copper - 131,986,134 pounds
Gold - 108,118 oz
Silver - 179,238 oz
Molybdenite - 103,491 pounds
Churchill County

Huck Salt Company (1)
Operator:
Huck Salt Company
2900 Phritzie Ln.
Fallon, NV 89406
775-423-2055   Fax: 423-0467
Company employees: 8
Production:
Salt - 15,884 tons

Moltan Company (2)
Operator:
Moltan Company
P.O. Box 860
Fernley, NV 89408
775-423-6668   Fax: 423-6411
Company employees: 50
Production:
Diatomite

Mineral County

Denton-Rawhide Mine (3)
Operator:
Kennecott Rawhide Mining Co.
P.O. Box 2070
Fallon, NV 89407
775-945-1015   Fax: 945-1213
Company employees: 17
Contract employees: 5
Production:
Gold - 19,597 oz
Silver - 160,964 oz

Lithium-rich brine pool at Chemetall Foote
(Mike Visher photo).
Section VI

Esmeralda County

Basalt Mine and Mill (1)
Operator:
Grefco Minerals, Inc.
36994 Summit Lake Rd.
Burney, CA 96013
775-573-2422   Fax: 573-2422
Company employees: 9
Production:
Diatomite

Silver Peak Operations (2)
Operator:
Chemetall Foote Corp.
P.O. Box 98
Silver Peak, NV 89047
775-937-2222   Fax: 937-2250
Company employees: 55
Contract employees: 13
Production:
Lithium compounds

Nye County

IMV Nevada (3)
Operator:
Mud Camp Mining Co. LLC
HC 70 Route Box 549
Amargosa Valley, NV 89020
775-372-5341   Fax: 372-5640
Company employees: 30
Production:
Specialty clays - 28,500 tons

Premier Chemicals (4)
Operator:
Premier Chemicals, LLC
P.O. Box 177
Gabbs, NV 89409
775-285-2601   Fax: 285-4021
Company employees: 90
Production:
Magnesium compounds

Smoky Valley Common Operation (5)
Operator:
Round Mountain Gold Corp.
P.O. Box 480
Round Mountain, NV 89045-0480
775-377-2366   Fax: 377-3224
Company employees: 674
Contract employees: 32
Production:
Gold - 587,445 oz
Silver - 955,681 oz

Premier Magnesite (Mike Visher photo).
Section VII

Clark County

Apex Quarry and Plant (1)
Operator:
  Chemical Lime Co.
  P.O. Box 363068
  North Las Vegas, NV 89036
  702-643-7702   Fax: 643-9517
  Company employees: 108
Production:
  Dolomite, Lime

PABCO Gypsum (2)
Operator:
  PABCO Building Products, LLC
  P.O. Box 364329
  Las Vegas, NV 89036
  702-407-3700   Fax: 643-6249
  Company employees: 143
  Contract employees: 3
Production:
  Gypsum - 1,148,642 tons

Simplot Silica Products (3)
Operator:
  J.R. Simplot Company
  P.O. Box 308
  Overton, NV 89040
  702-397-2667   Fax: 397-2798
  Company employees: 48
Production:
  Silica sand - 616,000 tons

Lincoln County

Tenacity Perlite Mine and Mill (4)
Operator:
  Wilkin Mining & Trucking, Inc.
  HC 34 Box 199
  Caliente, NV 89008
  775-728-4463
  Company employees: 7
Production:
  Perlite

Chemetall Foote lithium operations on Clayton Valley (Mike Visher photo).
## SUMMARY OF 2007 PRODUCTION

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<thead>
<tr>
<th>Commodity</th>
<th>Quantity</th>
<th>Unit</th>
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<td>Gold</td>
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<tr>
<td>Silver</td>
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<td>Barite (shipped)</td>
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<td>Copper</td>
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<td>pounds</td>
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<td>Diatomite</td>
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<td>Dolomite</td>
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<td>Lithium compounds</td>
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<tr>
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<td>75</td>
<td>pounds</td>
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N/A  Not available publicly

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Round Mountain gold *(Mike Visher photo).*
Nevada’s mining industry set an all time record in 2007 for total value of all mined commodities. The total value was about $5.4 billion, a $0.5 billion increase over 2006. The value was driven by gold, which contributed about $4.2 billion, based on an average price of $695 per troy ounce. Nevada led the nation in 2007 in the production of gold, barite, and lithium as it has for several years. Nevada’s operations produced a wide variety of other mineral and energy commodities such as aggregates, copper, diatomite, dolomite, geothermal energy, lapidary and gem stones, lime and limestone, magnesium compounds, mercury, molybdenite, oil, perlite, potassium sulfate, salt, silica sand, silver, and specialty aggregates and clays.

**Production Highlights**

Nevada’s gold production was 6,037,000 troy ounces in 2007. While the production level is down approximately 4% from 2006, Nevada remains the nation’s top gold producer with about 78% of the U.S. total. Underground operations contributed about 18% of the total gold production in 2007. Silver production dropped to 8,430,000 troy ounces in 2007 compared to 8,494,000 in 2006. Copper production increased to 142,794,000 pounds in 2007 compared to 127,554,000 pounds in 2006. Barite production was up slightly to 573,000 tons in 2007 compared to 572,000 tons in 2006. Gypsum production was down to 1,596,000 tons in 2007 compared to 1,930,000 tons in 2006. Molybdenum production was 309,000 pounds contained in 516,000 pounds of molybdenite in 2007 compared to 268,000 pounds of molybdenum in 2006.
Employment

According to the Nevada Department of Employment, Training, and Rehabilitation, the Nevada mining industry employed an average of 12,086 employees in 2007. The average pay for mineral industry employees during this time was $75,170 per year, the highest average of any employment sector in the state. In addition, it is estimated there are about 52,000 jobs in the state related to providing goods and services needed by the mining industry. Mining employment has been on a rebound for the past 4 years due to more favorable prices for several mineral commodities.

Permitting and Reclamation

Before mining can take place, plans of operation must be submitted and permits must be obtained from federal and state agencies to ensure that resources such as wildlife, air, and water are protected. Nevada and federal laws and regulations require that lands disturbed by mining activities must be rehabilitated so they can be used for other activities once mining is completed. This process, called reclamation, returns mined areas to other productive uses such as livestock grazing, wildlife habitat, or other industrial applications. To ensure that reclamation is done, mine operators are required to post reclamation bonds that are held by government agencies. The bonds are released only after the mined area is stabilized and the reclamation goals have been met. According to the Nevada Division of Environmental Protection, approximately $1.04 billion in reclamation bonds are currently posted. Mine operators are proud of their efforts and are constantly seeking ways to enhance their reclamation technology.

Gold Reserves

Nevada’s reported gold reserves at or near currently operating mines that can be mined at a profit under current

![Nevada Silver Production and Price Graph](image)
economic conditions stood at about 72.6 million troy ounces at the end of 2007. The amount of reserves is always in a state of flux, due to some reserves being lost to production, additions of new reserves through new discoveries, and changing economic conditions. The price of gold and the cost of production are the main factors in determining whether a reserve is really a reserve or just a sub-economic resource. Extensive gold resources, not currently economic, are known to exist at or near many operations. An increase in the gold price, with all else being equal, would mean many companies would be able to reclassify their resources into a reserve category. An increase in the cost of regulatory compliance has the same effect as a lowering of the gold price, thus increasingly complex and expensive regulations can reduce reserves. Under current conditions, the existing proven reserves are sufficient to sustain gold production at current levels for about 12 years.

**Exploration**

Exploration for new deposits, particularly gold, is an ongoing effort by both the operating companies and many others who do not operate mines in the state. Each year, the Division of Minerals conducts an exploration survey to determine the level of exploration activity and the factors that are responsible for those levels. The respondents to the latest survey indicated they spent $167.9 million on exploration in Nevada in 2007, up from $164.9 million in 2006. The respondents reported having 227 geologists on the payroll in 2007. Existence of favorable geology and commodity prices were cited as the most important factors influencing exploration levels. Exploration geologists and the drillers, assayers, and others who support their activities represent a significant positive economic impact, particularly in Nevada’s rural areas.

**Minerals Other Than Gold and Silver**

Minerals other than gold and silver are also important to Nevada’s economy. Copper ranked second behind gold in terms of value in 2007. Sand, gravel, and crushed stone ranked a close third in terms of value, and are critical to the building of the state’s infrastructure. Silver sank to fourth place in 2007. Industrial minerals such as barite, diatomite, dolomite, gypsum, limestone, lithium compounds,
magnesite, molybdenite, perlite, salt, and specialty clays are produced in this state.

Oil and gas exploration and production are relatively minor when compared to mining, but are nonetheless important to the economy of east-central Nevada. In oil field terms, Nevada is considered a frontier, meaning its potential is yet to be realized. Oil production in 2007 was about 408,000 barrels (42 gallons per barrel).

Nevada is rich in geothermal resources and is second only to California in the production of geothermal power. Currently, Nevada has 15 plants that sold approximately 1.2 million megawatt hours of electricity in 2007. This is enough to power about 70,000 typical homes. Geothermal heat is also used for a variety of commercial, domestic and public applications in Nevada. Schools in Elko County and homes in Lincoln and Washoe Counties are examples of public and private facilities using this renewable energy resource.

Conclusion

With a calculated value of about $5.4 billion, Nevada’s mineral industry continued to be a major economic force in the state in 2007. This situation should continue for many years to come. Challenges will exist, as they always have, but Nevada’s mineral reserves and the potential to add to them will spur the creativity of the mineral industry. Prices of many mineral commodities have improved in recent years, allowing companies to increase their exploration and development efforts. The continued development of new projects will assure that the mining industry will remain strong in the future.
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